

Project Construction Report – Photo Log

Pre-Deconstruction Site Walks



September 2014: View of the Building G-1 from the Dennison Ave Overpass.

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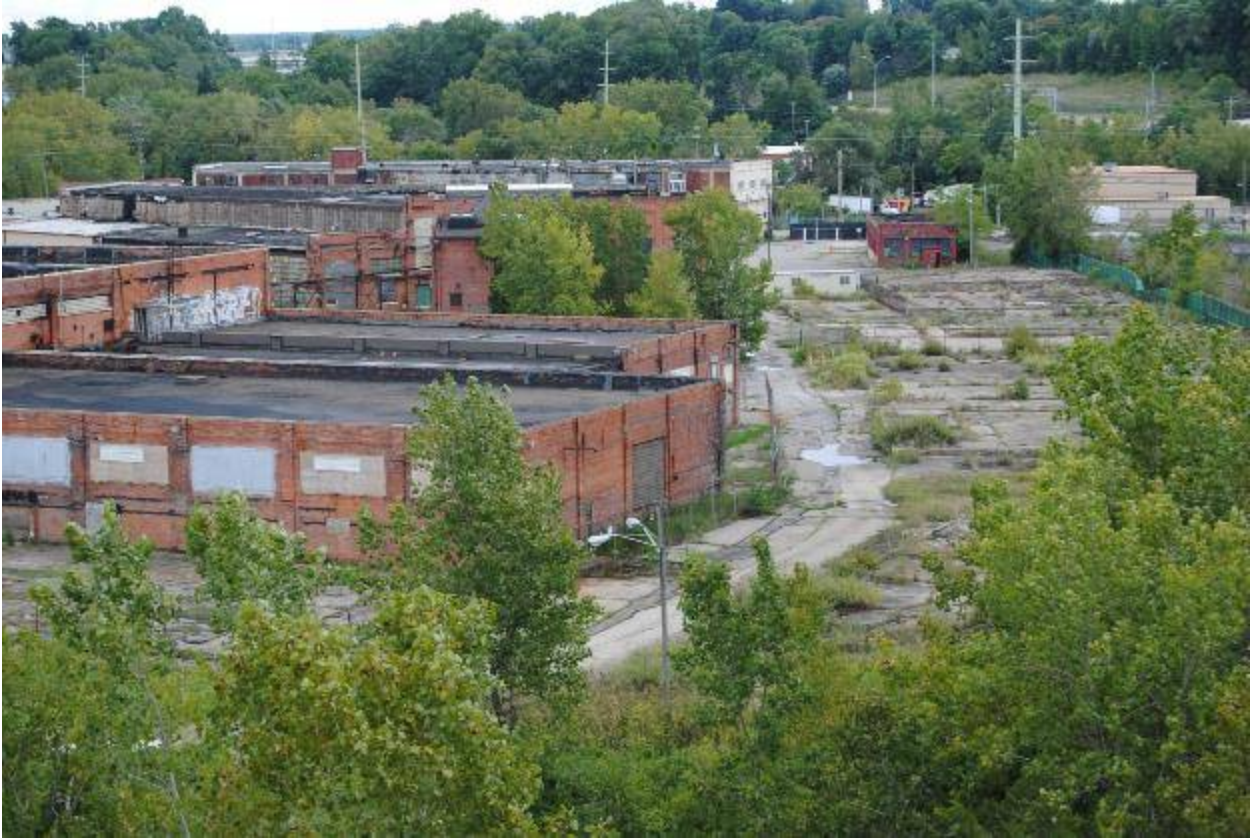
09/03/2014: View of the interior debris and wastes located within Building G-1

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09/13/2014: View of Northeast area of Building G-1. The paved area would be used as a truck-path turn around, through fence line.

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09/13/2014: View of the northwest of Building G-1.

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09/13/2014: View of the Northside of Building G-1, taken from the Denison Ave. overpass.

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September 2014: View of the southern side of Building G-1. Note the overhead steam-pipe.

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09/24/2014: View of Building G-1 from the Southeast. View provides an on-ground depiction of the 2-story (left), 3-story (right), and 1-story (center) sections of the Building G-1 complex.

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09/24/2014: View of the nearby Building G-1 Utilities around its perimeter. Features, from left to right:

- fire hydrant
- storm sewer
- underground utility vault man-hole cover
- underground utility vault plate cover

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09/27/2014: View of the Building G-1 steam pipe from the southeast.

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10/08/2014: View of the perimeter air monitoring station. This location is in the northeast area of the Project site (north of the truck-turn-around area).

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10/18/2014: View of the air monitoring station along the western fence-line (by the old railroad spur).

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10/18/2014: View of the construction entrance into the Building G-1 fence-line, taken from the truck turn-around area northeast of the building.

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Site Preparation



10/19/2014: View of the area west-southwest of Building G-1. Concrete pads/and paving here will be used to site the Project trailers and a potential staging area for clean equipment and supplies entering the Project Site.

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10/19/2014: View of the truck haul route, facing south. Building G-1 is on the right-hand side.

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Existing Outdoor Debris Pile



10/19/2014: View of the miscellaneous debris piles along the northern fence-line of Building G-1.

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10/19/2014: Additional view of the miscellaneous debris piles along the norther fence-line of Building G-1.

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Pre-Deconstruction Radiological Survey



11/11/2014: In progress pre-deconstruction gamma walkthrough survey (GWS) of the site perimeter.

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11/14/2014: Geophysical survey in progress. Survey includes ground conductivity, ferrous object detection, and ground penetrating radar.

Asbestos Containing Materials and Hazardous Materials Survey



11/16/2014: View of insulation on interior piping.



11/16/2014: View of floor tile and mastic.

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Pre-Deconstruction Geophysics



11/19/2014: Views of utility conduits, voids, and potentially ferrous anomalies marked out by the geophysics team.

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11/25/2014: Installation of truck scale on the east side of Building G-1.



12/2/2014: Underground pipe, utility termination.

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Building G-1 Deconstruction



12/16/2014: Removal of the overhead steam pipe from the southern end of Building G-1 prior to the demolition of the steel and brick structure.

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12/16/2014: Removal of the overhead pipeline supports.

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12/17/2014: View of the collected ACM abatement wastes in super-sacks.

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12/17/2014: Building G-1 Deconstruction begins. The deconstruction began on the southwest corner of Building G-1. The building was deconstructed inward towards the second story structure. Once the second story area was proximally reached, the next “bay” then deconstructed.

Note the use of dust suppression at all times during deconstruction.

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12/18/2014: morning progress in deconstructing additional "bays".

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12/18/2014: View of the western side of Building G-1 as nearly all of the 1-story structure has been demolished up to the 2-story section.

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12/19/2014: Deconstruction continues, beginning on the southwest corner, and into the 2-story section of the Building G-1 complex.

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12/19/2014: Progress photo of deconstruction along the 2-story section, working northward.



12/19/2014: Progress of the 2-story section deconstruction.

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12/22/2014: Continued progress on deconstructing the southern 2-story section of Building G-1.

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12/22/2014: Progress on the deconstruction of the southern portion of the 2-story building of the Building G-1 complex.

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12/23/2014: View of the progress of the deconstruction at the close of business, prior to the winter holiday. View is from the southeast corner of the site, facing northward. Work was scheduled to resume on 12/29/2014.



12/23/2014: Deconstruction progresses into the 2-story section of the building.

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12/29/2014: At the end of day, nearly all of the 2-story section of Building G-1 has been deconstructed. Only portions of the norther 1-story section and the eastern 3-story section (a.k.a. the "High-Bay") remain.



12/30/2014: Deconstruction of the 3-story section begins.



12/30/2015: Deconstruction progress by the end of day. The following day is spent preparing the site's deconstruction debris for the final phases of deconstruction to occur after the New Year, on 1/2/2015.

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1/2/2015: Deconstruction of the 3-story section continues.

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1/2/2015: Continued progress on deconstruction



1/2/2015: By the end of day, deconstruction is considered complete. Sorting and preparation of the material to be loaded onto the intermodal containers (IMCs) for transport to US Ecology Idaho begins.

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Loading the Deconstruction Debris onto IMCs



1/6/2015: The first IMC is loaded.

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1/9/2015: View from the north, taken from the Dennison Ave. overpass, of the debris load-out progress

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1/13/2015: View of the sorting of steel for radiological screening to segregate it into a separate waste stream if applicable.

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1/14/2015: View of a typical, loaded IMC.



1/20/2015: View of steel cutting by workers to prepare the steel to appropriate sizes for loading on to IMCs.



1/20/2015: Progress of the loadout.

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1/21/2015: Loading IMC with the wastes from cleaning and grouting the trenches and drain-pipes of Building G-1.

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1/23/2015: Removal of the miscellaneous northern debris pile, as part of the contract modification.

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Groundwater Investigation



01/23/2015: View of the Geoprobe® direct-push-technology installing a temporary well near the Dennison Ave. overpass.

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1/26/2015: IMC loaded with the ACM abatement waste.

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Groundwater Investigation



1/28/2015: View of the test-pitting



01/28/2015: view of the water incoming and continuously filling Test Pit #4.

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1/30/2015: View of the progress of the debris loadout.



2/4/2015: As debris is cleared from the building pad, the area of the pad is cleaned, decontaminated, and surveyed with wipes to determine if it is suitable for clearance under the Nuclear Regulatory Commission (NRC) regulation 1.86. This is the Northwest portion of the building pad, which was cleared first.

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2/6/2015: Monitoring well installation, over-drilling the temporary well.



2/23/2015: First load of cleared steel.

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3/4/2015: View of the live-loading of the steel directly into the dump-trailers to be weighed on the on-site truck scale. Also in the view are the staged liquid wastes containers.

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03/10/2015: haul route was reinforced with additional stone.

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3/12/2015: View of the site loadout progress.

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3/17/2015: View of the building slab decontamination progress as the wastes are removed.

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4/7/2015: View of the debris loadout and building slab decontamination progress.

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4/8/2015: to further stabilize the areas around Building G-1, geo-textile and stone were laid down in areas that were seen to be at risk for erosion from vehicle traffic. Pictured here is the area, just north of the Building G-1 slab (a.k.a. the former Building G-2 slab).

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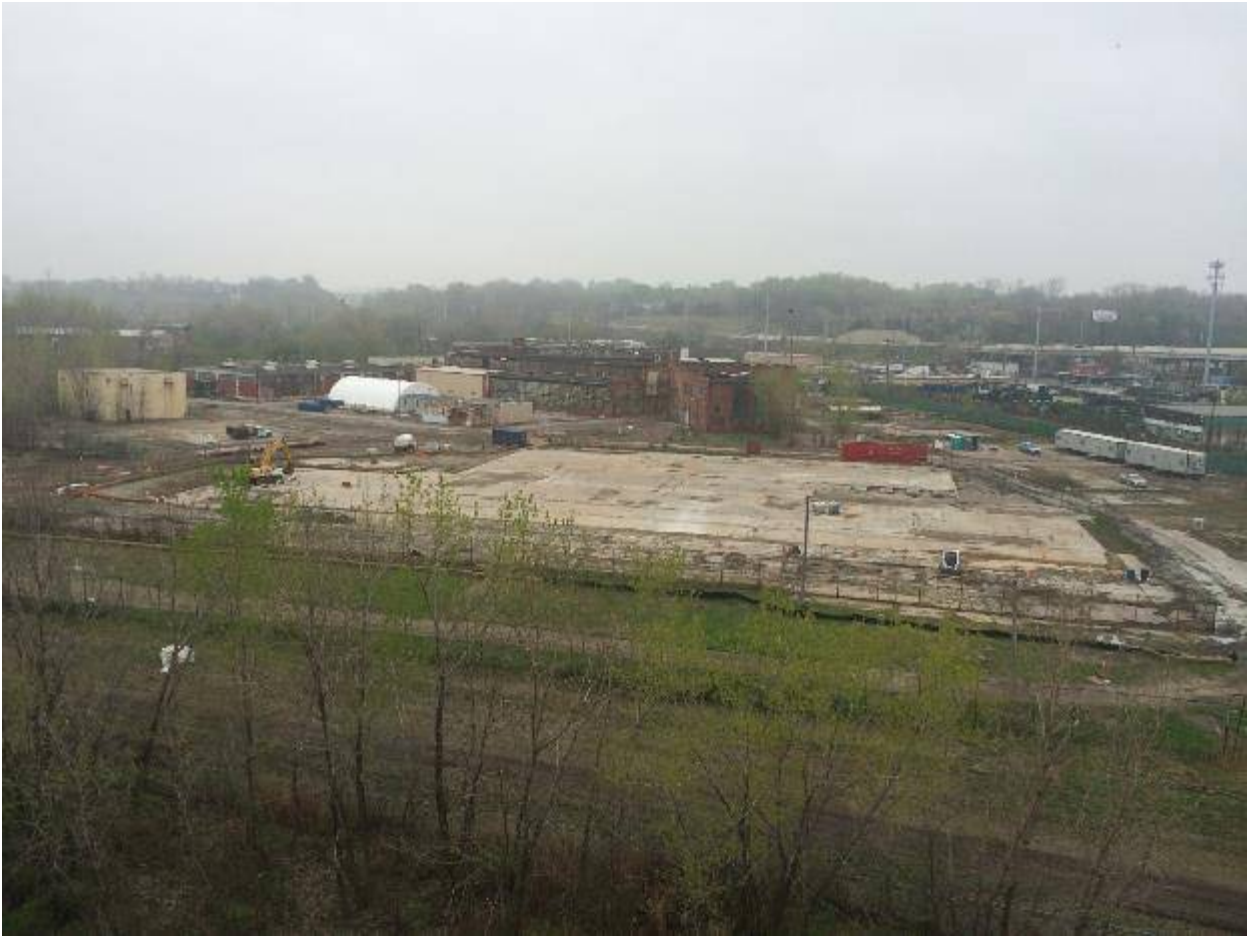
4/16/2015: Debris loadout progress

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4/20/2015: Monitoring well installation within the cleared Building G-1 slab.

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5/5/2015: Debris loadout progress.



5/12/2015: View of some site-restoration progress, as soil, textile and stone are placed on the east site of the Building G-1 Slab to stabilize the area.

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5/13/2015: View of the completed cover.

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Site Restoration



5/21/2015: View of the erosion and sediment control (E&S) debris wastes, loaded into dump trailers. Hay bales that were cleared by the health physics team were re-used to stabilize the site. The last dump-trailer load of E&S debris was collected on 5/27/2015.

Loads included drill cuttings from the groundwater investigation.

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5/29/2015: Debris removal and slab decontamination is complete. View of the restored and stabilized Building G-1 Project Site.

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6/5/2015: Demobilization of the site crew and equipment. This photo is a view of the 2 on-site office trailers being hauled away.

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9/22/2015: View of the first permanent monitoring well completion made in September 2015.